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ABRIDGED
CATALOGUE
OF
J. W. COBURN'S NURSERIES,
A T
FLUSHING, L. I., NEW YORK.
1870.



TO CORRESPONDENTS.

When unknown to the proprietor, your order must be accompanied with a draft on New York or a Post Office order.

Send plain directions for marking packages, and state the route and conveyance by which you wish them forwarded.

When particular varieties, ages, or sizes of Trees are ordered, please state to what extent other varieties, ages or sizes may be substituted in case the order cannot be filled; My rule is NO SUBSTITUTION WITHOUT PERMISSION.

If delay or loss occurs after shipment, the forwarders alone must be held responsible.

Packing executed in the best manner, and excepting the extra size trees and shrubs, free of cost to the purchaser.

Upon the arrival of the order at its destination, should you find any errors to have been committed in filling it, at once inform me, and I will do all in my power to render satisfaction.

PLANTS BY MAIL.

Grapes, Strawberries, Currants, Gooseberries, Raspberries, Blackberries, Asparagus, Rhubarb, Small Shrubs, Vines and Climbers, Bulbs, Cions, Cuttings, Seeds, &c., can be sent by mail with safety.

THE UNIVERSITY OF CHICAGO
DEPARTMENT OF CHEMISTRY
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CHICAGO, ILLINOIS 60607
TEL: 773-936-3700

1. The first part of the report describes the synthesis of a new class of organotin compounds. The reaction of tin(IV) chloride with various organic acids in the presence of a catalyst yields a series of organotin(IV) carboxylates. The yields and properties of these compounds are discussed in detail.

2. The second part of the report deals with the characterization of the organotin(IV) carboxylates. Infrared and Raman spectroscopy were used to identify the functional groups and the coordination environment of the tin atom. The results show that the organotin(IV) carboxylates are well-defined compounds with a specific coordination geometry.

3. The third part of the report describes the thermal stability of the organotin(IV) carboxylates. Thermogravimetric analysis (TGA) and differential scanning calorimetry (DSC) were used to study the decomposition of these compounds. The results indicate that the organotin(IV) carboxylates are stable up to a certain temperature, after which they undergo a rapid weight loss due to the decomposition of the organic groups.

4. The fourth part of the report discusses the potential applications of the organotin(IV) carboxylates. These compounds may be useful as catalysts in various chemical reactions, particularly those involving the activation of organic acids. Further studies are needed to explore the catalytic activity of these compounds.

¶ 1 The extra size Trees and Shrubs enumerated are a portion of the stock of the celebrated **LINNÆN NURSERIES OF DR. WM. R. PRINCE & CO.**

¶ 2 I have a limited stock of SPECIMEN FRUIT TREES, (dwarf and low standard) EVERGREENS AND SHRUBS, four years carefully pruned, twice transplanted, having formed a mass of fibrous roots. The varieties that can be so furnished are denoted by an (*) on the lists.

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F R U I T .

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APPLES.

STANDARDS.—Price, per tree, 5 to 7 feet, 30 cents. Extra size, 7 and 8 years, 75 cts 1 year from bud, 20 cents.

SUMMER.	AUTUMN.	WINTER.	WINTER.
Bough Sweet	Fall Pippin	Baldwin	Lady
Early Harvest	Gravenstein	Boston Russet	Northern Spy
Primate	Maidens Blush	Fameuse	Newtown Pippin
Red Astrachan	Porter	King of Tompkins Co.	R. I. Greening.

DWARFS.—Price per tree 50c. Specimen Trees (see ¶ 2, this page), 75 cents. 1 year from bud, 30c.

*Garretson's Early	*Autumn Bough	*Baldwin	*R. I. Greening
*Red Astrachan	*Fall Pippin	*Flushing Spitzenberg	*Yellow Bellflower
*Yellow Bough		*King of Tompkins County.	

PEARS.

STANDARDS.—Price per tree, 2 years, 60c. 3 to 5 years, 75c. Extra size, \$1 to \$5.

SUMMER VARIETIES.				
Bartlett	Clapp's Favorite	Queen of August	Rosticzer	Tyson.

AUTUMN VARIETIES.		
Beurre Bosc	Belle Lucrative	Louise Bonne de Jersey
Buffum	Beurre d'Anjou	Onondaga, (Swan's Orange)
Beurre Diel	Duchesse d'Angouleme	Paradise d'Automne
Beurre Clairgeau	Flemish Beauty	Seckel.
Bergen	Hagerman	

WINTER VARIETIES.		
Doyenne d'Alencon	Dana's Hovey	Lawrence.

DWARFS.—Price per tree, 2 to 3 years, 50c. Specimen Trees, (see ¶ 2, this page), \$1. Extra size, \$1 to \$3.

SUMMER VARIETIES.			
*Ananas d'Eté	*Bartlett	*Doyenne d'Eté	*Des Nonnes.

AUTUMN VARIETIES.			
*Beurre Diel	*Belle Lucrative	*Doyenne Boussoch	*Duchesse d'Angouleme.
*Flemish Beauty	*Louise Bonne de Jersey	*Onondaga.	

WINTER VARIETIES.	
*Lawrence	*Vicar of Winkfield.

CHERRIES.

STANDARD AND DWARF, price per tree, 75c.

Adams Crown	Black Eagle	Elk Horn	Early Richmond
Arch Duke	Downer's Late	Elton	Graffion
Black Tartarian	Elliott's Favorite	Empress Eugénie	Gov. Wood
Knight's Early Black	Ohio Beauty		Reine Hortense.

PLUMS.

60 cents each.

Bleeker's Gage	Gen'l Hand	Jefferson	Smith's Orleans
Coe's Golden Drop	Imperial Gage	Lombard	Washington.

PEACHES.

Price per tree 25c. 2 years, extra (transplanted), 50c.

Bergen's Yellow	Lemon Cling	Pavie de Pompone
Brevoort	Melocoton, Red Check	Pavie Tardive
Cooledge Favorite	Morris White	Stump the World
Crawford's late Melocoton	Moore's June	Susquehanna
Grosse Mignonne	Prince's Red Rare Ripe	Snow
Hale's Early	Prince's Fortunatus	Ward's Late Free.
Howard's Splendid	Prince's Excelsior	

Van Buren's Dwarf, 50c. 2 years, 75c.

NECTARINES.

50 cents each.

Boston	Prince's Golden	Stanwick	Violette.
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APRICOTS.

50 cents each.

Large Early Red	Layfayette	Peach.
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QUINCES.

Price per tree, 50c. Extra sizes 75c. to \$2.

Apple or Orange	Angers	Fontenay.
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MULBERRIES.

Red American, each, 50c. Downing's Ever-bearing, each, 75c.

MEDLARS.

75c., extra size, \$1.50.

PAW PAW (Custard Apple).

\$1.00.

FIGS.

50c.

NUTS.

Black Walnut.....	50c. extra size, \$1.00	Chestnut, American.....	50c.
Butternut.....	50 do 1.00	do Spanish.....	50
Hickory.....	50	Filberts.....	50
Pecan.....	75	Almonds.....	50
Madeira.....	50 extra size, \$1.00	Double French Madeira.....	\$1.00

CURRANTS.

15c. each; \$1 per doz—by mail, prepaid, 25c.; \$1.50 per doz.

Black English	Red Dutch	White Dutch
Cherry	Versailles	White Grape.

GOOSEBERRIES.

25c. each, \$2 per doz. ; by mail, prepaid, 35c. ; \$2 per doz.

American Seedling Houghton Seedling English Varieties.

RASPBERRIES.

15c. each, \$1 per doz ; by mail, prepaid, 25c. each, \$1.50 per doz.

Allens' Red	Clarke	Philadelphia
American Black Cap	Doolittle Improved Black Cap	Red Antwerp.
Brinckle's Orange	Franconia	

BLACKBERRIES.

15c. each, \$1 per doz ; by mail, prepaid, 25c. each, \$1.50 per doz.

Dorchester Kittatinny Lawton Wilson's Early.

STRAWBERRIES.

50c. per doz. ; \$1.50 per 100 ; by mail, prepaid, 60c. per doz., \$2 per 100.

Agriculturist	Byberry Seedling	Jucunda	Russell's Prolific
Boston Pine	Crimson Favorite	Ladies Pine	Scarlet Magnate, Prince's
Baltimore Scarlet	French's Seedling	Longworth's Prolific	Triomphe de Gand
Brooklyn Scarlet	Hovey	McAvoy's Superior	Wilson Albany.

CRANBERRY.

Cape Cod Cranberry—plants per 100, \$1 : by mail, prepaid, \$2 per 100.

GRAPES, HARDY.

By mail, additional, 10 cents each.

each.	each.	each.
Adirondack..... .50	Delaware..... .25	Martha..... \$1.00
Allen's Hybrid..... .50	do 3 years old. .50	Rebecca..... .50
Anna..... .50	Diana..... .50	Rogers' Hybrid..... .50
Catawba..... .25	Hartford Prolific..... .50	[Nos. 3, 4, 15, 19, 30,]
Clinton..... .25	Iona..... .50	Seppernong..... .50
Concord..... .25	Isabella..... .25	Union Village..... .50
do 3 years old... .50	Israella..... .50	Winchester..... .50
Creveling..... .50	Ives' Seedling..... .50	

CIONS.

By mail, prepaid, 10c. additional.

Ten Cions, cuttings or Root cuttings, will be the same price as one Tree, Shrub or plant of the same variety.

SEEDLINGS.

Apple, Pear, Cherry, Plum and Quince Seedlings and stocks for budding or grafting, \$1 per doz. ; \$5 per 100.

ESCULENT PLANTS.

By mail, 25c. additional.

doz.	100.	doz.
Asparagus, Giant.....	\$1.00	Hop Roots..... \$1.00
do Conover's Colossal. .75	3.00	Horseradish..... 1.00
*Chinese Northern Yam, Tubers		Rhubarb Linnaeus..... 20 each 1.50
each 10c..... .75	3.00	
Roots, for cutting up; 50c.....	\$4.00	

*The descriptive pamphlet by the late Dr. Wm. R. Prince, will be sent to those enclosing ten cents.

ORNAMENTAL.

DECIDUOUS TREES.

Price, except otherwise stated, per tree 75 cents. Extra size trees, \$1.50.

Abele, 50c.	Honey Locust	Maple, Norway
Ailanthus	Kentucky Coffee.	Maple, Scarlet
Apple (double flowering)	Kolreuteria	Maple, Sugar
Ash	Laburnum	Maple, Sycamore
Beech	Larch	Maple, Ash-leaved
Birch	Linden, American	Oak
Butternut, 50c.	Linden, European	Paulownia
Buttonwood	Loenst, Yellow	Peach (double flowering)
Catalpa	Madeira Nut, 50c.	Plum (double flowering)
Cherry (double flowering)	Medlar	Poplar Balsam
Cherry, Bird.	Mountain Ash	Poplar Aspen
Chestnut, 50c.	Mulberry	Poplar Silver (see Abele)
Cypress	Magnolia, Glauca	Sweet Gum
Dogwood	Magnolia Acuminata	Salisburia \$2 to \$10
Elm	Magnolia Conspicua \$3	Tulip
Hawthorne	Magnolia Soulangiana \$3	Virgilia Lutea \$1.50
Hickory, 50c.	Magnolia Macrophylla \$1.50	Walnut, Black, 50c.
Horse Chestnut	Magnolia Tripetala	Willow, Weeping
Horse Chestnut, (Red Flowering), \$1.50	Maple, Silver	Willow, Golden

WEeping TREES, AND TREES WITH PECULIAR FOLIAGE.

Price per tree, \$2.

Ash Weeping	Beech Copper-leaved	Linden Weeping
Birch Weeping	Cypress Weeping	Linden Cut-leaved
Birch Cut-leaved	Elm Weeping	Mountain Ash Weeping
Beech Weeping	Elm Purple	Poplar Weeping
Beech Cut-leaved	Honey Locust Weeping	
Beech Purple-leaved	Larch Weeping	

EVERGREEN TREES.

Price of trees, 50 cents. Specimen trees (see p 2 page 3), \$1.50.

*Arbor Vitæ American	Fir Balsam	Pine Weymouth	Spruce Red
*Arbor Vitæ Siberian	*Juniper Irish	Spruce Norway	Spruce White

Extra size Trees of Green Cedar of Mt. Atlas, \$3 to \$10.

DECIDUOUS SHRUBS.

Price 50 cents each. Specimen shrubs [see p 2 page 2] \$1.00.

*Almond [dwarf double flowering] White.			
do do do	*Red.		
*Altheas	Euonymus	Philadelphus	Sweet Scented Shrub
*Corchorus	Honeysuckle, upright	Quince Japan	Snowball
Cherry	Indigo Shrub	Red Dogwood	Weigelia
Cornelian	Lilac	Rose of Sharon (see Althea.)	
Deutzia	Purple Fringe	Spiræas	White Fringe

EVERGREEN SHRUBS.

Acuba Japonica, 75c	Euonymus Japonica, 50c	Rhododendrons, \$1 to \$5
Box Tree, 50c	Euonymus Silver-leaved, 75c	Yucca, 50c
Box Tree, extra size, \$1 to \$5	Euonymus Gold-leaved, 75c	Yucca, 1 yr seedlings, 15c
Box Dwarf, 25c	Mahonia 50c to \$2.00	

VINES AND CREEPERS.

Price 50c. each. Extra size, \$1 to \$2.

Clematis
MyrtleHoneysuckle
Trumpet CreeperIvy
Wistaria**ROSES---[HARDY.]**

50 cents each.

PÆONIES.

Tree, each, \$1 to \$5. HerLaceous. 50 cents.

BULBOUS AND FLOWERING ROOTS.

\$1 per doz. ; by mail \$1.25 per doz.

Crocus
Dahlias
GladiolusJonquilles
Lily
Snow DropsTulips
Hyacinths, [one-half doz.]
Crown Imperials [one-sixth doz.]

LILIUM AURATUM, \$1 each ; small Bulbs 50c. each.

HEDGE PLANTS.

Arbor Vita, 1 year transplanted, \$5 per 100	Hemlock, 1 year trans., \$10 per 100
do 2 years do 8 do	do 2 do 15 do
Honey Locust 3 do	Norway Spruce 20 do

\$15 ASSORTMENTS OF

50 Fruit Trees, [in varieties].

50 Ornamental Trees, [in varieties].

100 Shrubs, [in varieties].

100 Herbaceous Plants, [in varieties].

THE UNIVERSITY OF CHICAGO

PHYSICS DEPARTMENT

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